THE CERES S'COOL PROJECT

STUDENTS' CLOUD OBSERVATIONS ON-LINE

Français | Español | Deutsch

Lin Chambers
NASA LaRC, Hampton, VA

Tina Rogerson (ASDC), Camelia Deller, Joyce Fischer, Jay Madigan and Susan Moore
SSAI

CERES Science Team Meeting
Newport News, VA
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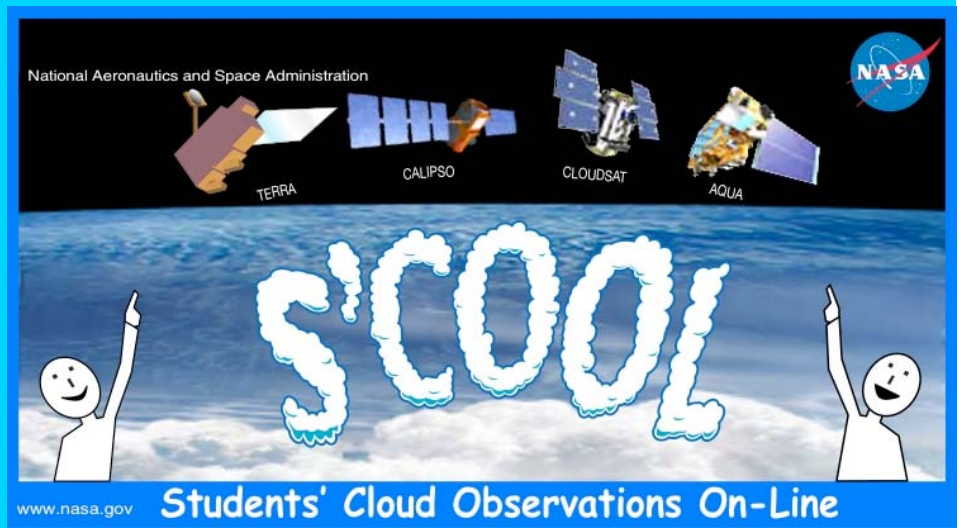
What is S'COOL?

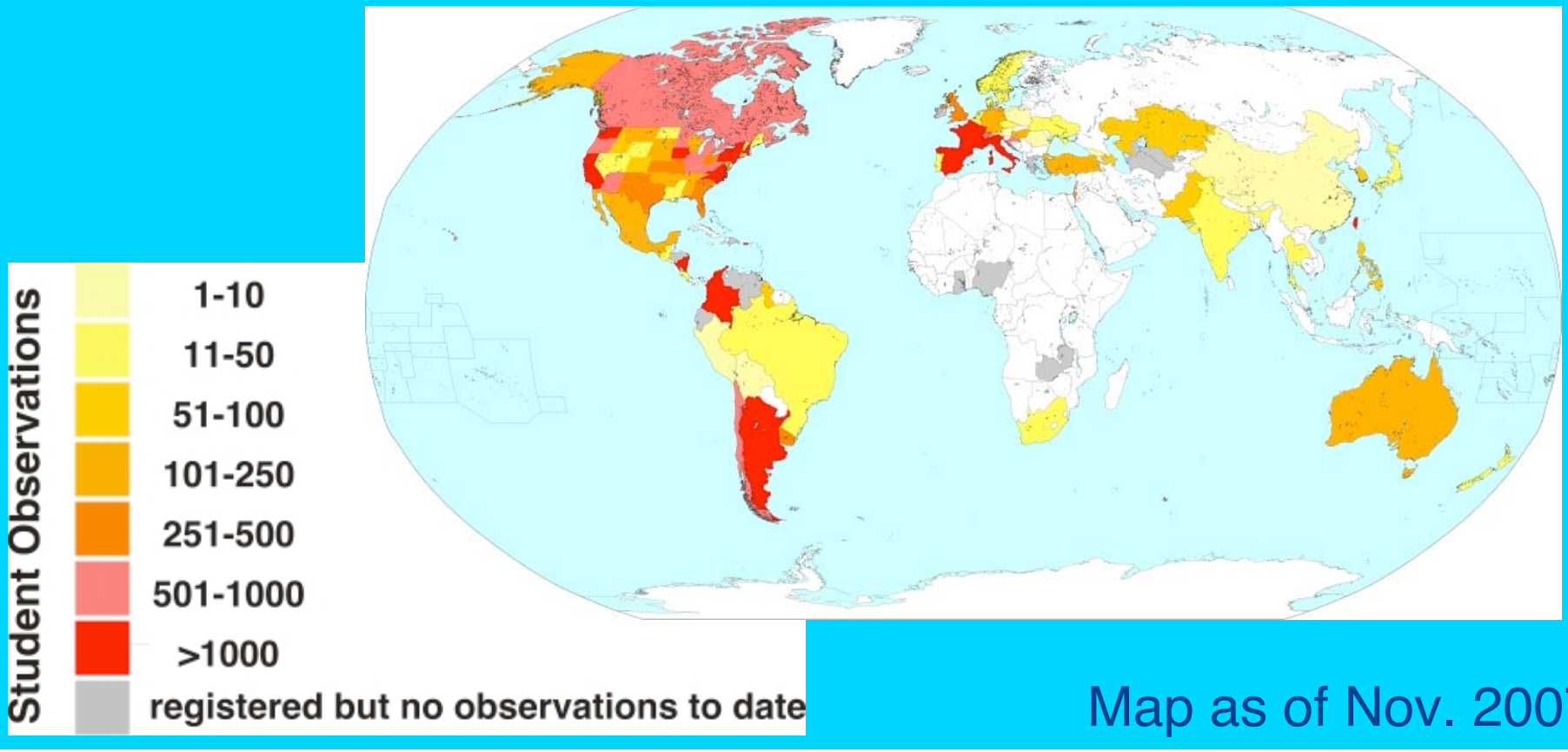
- Education and Public Outreach arm of CERES
- Backbone of Terra/Aqua formal education effort
- A simple way to involve K-12 students in authentic science
- A source of validation data for the CERES cloud retrievals

http://scool.larc.nasa.gov



S'COOL Project

- > 69,000 observations from 53 countries and all 50 states
- 43 % from outside the US (80% US participants)
- > 2,450 registered participants from 74 countries



Map as of Nov. 2007

Impact Measures

- ~160 requests for S'COOL materials since Nov. 2007 (2.5 times the historical rate!)

States "Top Five"

▪PA	21%
▪VA	10%
▪PR	6%
▪CA ↑	5%
▪NH ↓	5%

Small Changes

Countries "Top Five"

▪US	57%
▪Colombia ↑	11%
▪France	7%
▪Argentina	6%
▪Taiwan	4%

States "Bottom Five"

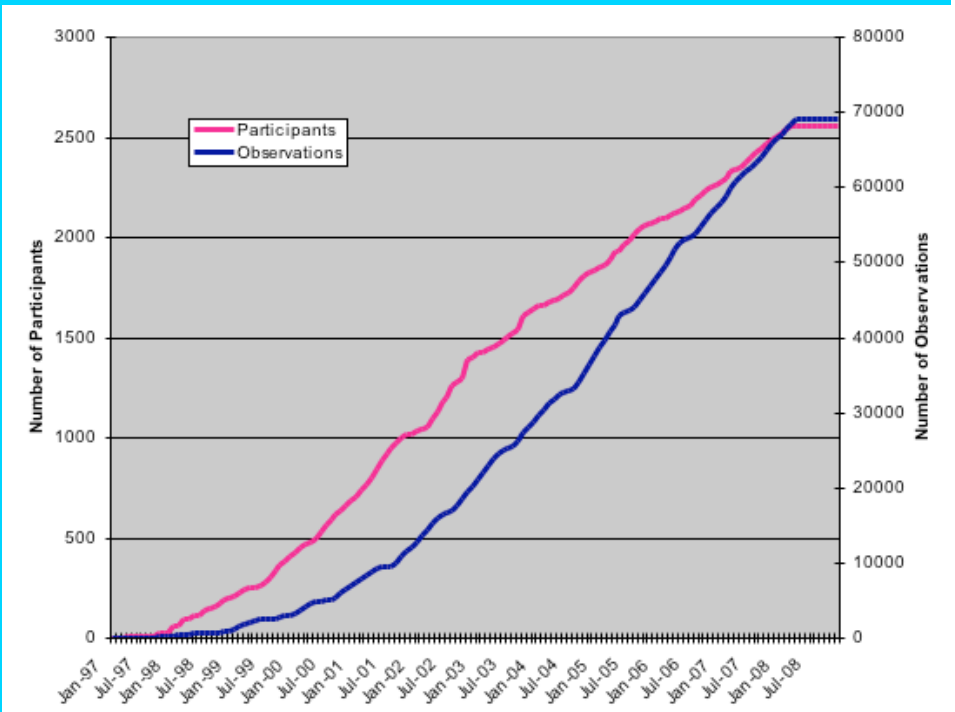
▪DC	12
▪Virgin Islands	9
▪Guam	6
▪Delaware	4
▪Northern Marianas	0

Vermont moved out of the bottom 5

Impact Measures (cont'd)

Database of observations - as of Apr. 29, 2008

- > 36,500 satellite correspondences (665 match both)
  - For 53% of ground observations
- >2,450 registered participants
  - 38% submitted data
- 74 countries
  - data from 53 countries (72%)



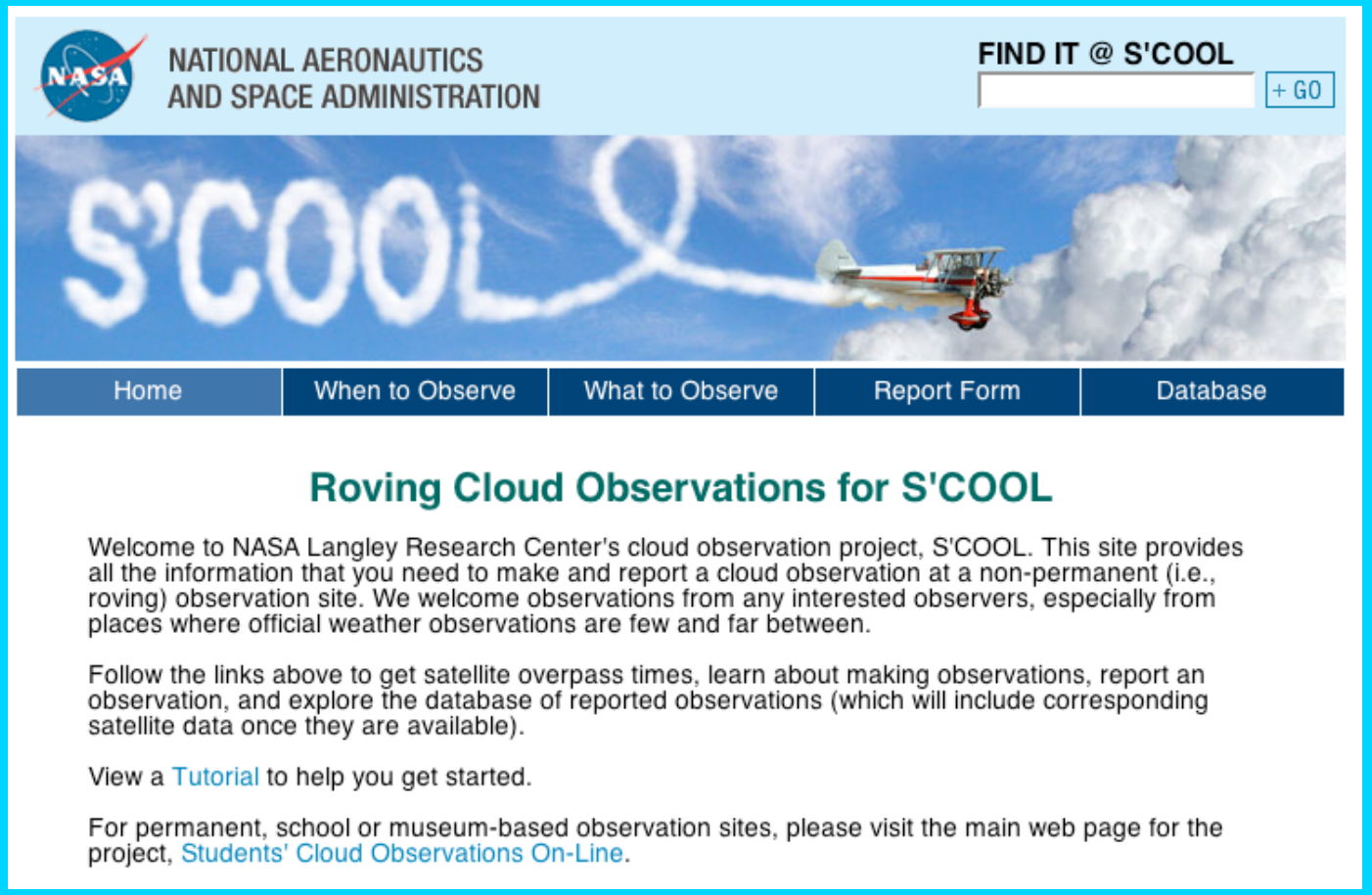
S'COOL Presentations Since November 2007

- Fall AGU, San Francisco
- AMS Annual Mtg, New Orleans
- Virginia Society for Technology Education, Roanoke, VA
- National Science Teachers Association National Conference, Boston
- EarthFest event at CNU, Newport News

S'COOL in the Field

- Teacher Ambassador presentations:
  - Sally Ride Science Festival (Phoenix, AZ, S. DeVeau)
  - K-12 Teacher Workshop for Eastern Long Island teachers (Upton, NY, S. Frank)
  - Ohio State Technology Conference (Columbus, OH, S. Kershner)

New to S'COOL: Roving Observations



http://asd-www.larc.nasa.gov/Rover

S'COOL Needs YOU!

- **Participants in every state and >70 countries**
  - Offer to serve as a **resource to a local teacher**
  - Arrange a **S'COOL visit when traveling**
  - Provide **S'COOL info to teachers you know**
- **Presentation materials available**, with script suggestions
- **Help with translation of materials**
- **Serve as resource for scientific content questions sent in by participants**